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| FORM PTO-1390) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 10-2003) | | ATTORNEY'S DOCKET NUMBER 900.44033X00 filed July 22, 2004 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold;">10/502286</div> |
| INTERNATIONAL APPLICATION NO. PCT/DK03/00037 | INTERNATIONAL FILING DATE January 22, 2003 | PRIORITY DATE CLAIMED January 22, 2002 |
| TITLE OF INVENTION REINFORCEMENT UNIT FOR A REINFORCING A FOOTING ELEMENT WHEN LAYING PILE FOUNDATIONS WITH A PILE, AND METHOD FOR PLACING A FOUNDATION PILE AND REINFORCEMENT OF A FOOTING ELEMENT | | |
| APPLICANT(S) FOR DO/EO/US RASUMUSSEN, HENNING BALTZER | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office(RO/US) 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | |
| Items 11 to 20 below concern document(s) or information included: | | |
| <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment (First and Second Preliminary Amendment). 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification (First and Second Substitute Specification). 16. <input checked="" type="checkbox"/> A power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Figs. 1-25; Credit Card Payment form; International Publication No. WO03/062539A1; International Search Report; International Preliminary Examination Report w/amended pages | | |

| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/502286</div> | | INTERNATIONAL APPLICATION NO. PCT/DK03/00037 | | ATTORNEY'S DOCKET NUMBER 900.44033X00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|--|---|--------------|--------------|------------|-----------|--|--------------|-----------|----|-----------|-----------|--|--------------------|---------|---|-----------|---------|--|---|--|--|------------|-----------|--|--------------------------------------|--|--|--|------------|--|--|--|--|--|-----------|--|-------------------|--|--|--|-----------|--|--|--|--|--|---------|--|-----------------------------|--|--|--|-----------|--|---|--|--|--|---------|--|------------------------------|--|--|--|-----------|--|--|--|--|--|-----------------------------------|----|-----------------|----|---|--|
| <div>21. <input checked="" type="checkbox"/> The following fees are submitted:</div> <div>BASIC NATIONAL FEE (37 CFR 1.492(a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00</div> <div>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$920.00</div> <div>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$770.00</div> <div>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$730.00</div> <div>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00</div> <div>ENTER APPROPRIATE BASIC FEE AMOUNT =</div> <div>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</div> <table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:15%;">CLAIMS</th><th style="width:15%;">NUMBER FILED</th><th style="width:15%;">NUMBER EXTRA</th><th style="width:15%;">RATE</th><th style="width:15%;">\$</th><th style="width:15%;"></th></tr></thead><tbody><tr><td>Total Claims</td><td>36 - 20 =</td><td>16</td><td>x \$18.00</td><td>\$ 288.00</td><td></td></tr><tr><td>Independent Claims</td><td>1 - 3 =</td><td>0</td><td>x \$86.00</td><td>\$ 0.00</td><td></td></tr><tr><td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable) 290.00</td><td>+ \$290.00</td><td>\$ 290.00</td><td></td></tr><tr><td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td><td>\$ 1498.00</td><td></td></tr><tr><td colspan="4"><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td><td>\$ 749.00</td><td></td></tr><tr><td colspan="4">SUBTOTAL =</td><td>\$ 749.00</td><td></td></tr><tr><td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td><td>\$ 0.00</td><td></td></tr><tr><td colspan="4">TOTAL NATIONAL FEE =</td><td>\$ 749.00</td><td></td></tr><tr><td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td><td>\$ 0.00</td><td></td></tr><tr><td colspan="4">TOTAL FEES ENCLOSED =</td><td>\$ 749.00</td><td></td></tr><tr><td colspan="4" rowspan="2"></td><td style="text-align: right;">Amount to be refunded:</td><td style="text-align: center;">\$</td></tr><tr><td style="text-align: right;">charged:</td><td style="text-align: center;">\$</td></tr></tbody></table> | | | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | Total Claims | 36 - 20 = | 16 | x \$18.00 | \$ 288.00 | | Independent Claims | 1 - 3 = | 0 | x \$86.00 | \$ 0.00 | | MULTIPLE DEPENDENT CLAIMS(S) (if applicable) 290.00 | | | + \$290.00 | \$ 290.00 | | TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1498.00 | | <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ 749.00 | | SUBTOTAL = | | | | \$ 749.00 | | Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ 0.00 | | TOTAL NATIONAL FEE = | | | | \$ 749.00 | | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$ 0.00 | | TOTAL FEES ENCLOSED = | | | | \$ 749.00 | | | | | | Amount to be refunded: | \$ | charged: | \$ | <div>CALCULATIONS PTO USE ONLY</div> | |
| | | | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Total Claims | 36 - 20 = | 16 | x \$18.00 | \$ 288.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Independent Claims | 1 - 3 = | 0 | x \$86.00 | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SUBTOTAL = | | | | \$ 749.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL FEES ENCLOSED = | | | | \$ 749.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Amount to be refunded: | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | charged: | \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. 01-2135 in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposition Account No. 01-2135 . A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Antonelli, Terry, Stout & Kraus, LLP 1300 North Seventeenth Street Suite 1800 Arlington, VA 22209 USA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div> SIGNATURE</div> <div>Donald E. Stout NAME</div> <div>26,422 REGISTRATION NO.</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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JT12 Rec'd PCT/PTO 22 JUL 2004

PTO/SB/123 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application Number

Filing Date

July 22, 2004

First Named Inventor

H. RASUMUSSEN

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Patentee.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

Attorney or agent of record. Registration Number 26,422

Typed or
Printed Name

Donald E. Stout

Signature

Date

July 22, 2004

Telephone

(703) 312-6600

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



*Total of forms are submitted.

This collection of information is required by 37 CFR 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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